

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/07477

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K39/012 A61K39/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, EMBASE, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>ARMAH G E ET AL: "CONFORMATION AND IMMUNOGENICITY OF ENGINEERED REPEATING SEGMENT OF THE CIRCUMSPOROZOITE SURFACE PROTEIN OF PLASMODIUM-FALCIPARUM" MOLECULAR AND BIOCHEMICAL PARASITOLOGY, vol. 38, no. 1, 1990, pages 135-140, XP008015832 ISSN: 0166-6851 abstract page 135, column 2, line 17 -page 136 page 137, column 1, last paragraph -column 2, paragraph 1 page 138, column 2, line 10 -page 139 --- -/--</p>	1-4,9, 10,13,14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the International search

14 November 2003

Date of mailing of the International search report

19/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Noë, V

INTERNATIONAL SEARCH REPORT

International Application No

PCT. 03/07477

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>CARCY B ET AL: "A 37-kilodalton glycoprotein of Babesia divergens is a major component of a protective fraction containing low-molecular-mass culture-derived exoantigens" INFECTION AND IMMUNITY, AMERICAN SOCIETY FOR MICROBIOLOGY. WASHINGTON, US, vol. 63, no. 3, March 1995 (1995-03), pages 811-817, XP002116987 ISSN: 0019-9567 abstract page 812, column 1, paragraph 4 -column 2, paragraph 1</p>	1-4, 7-10,13, 14
Y	<p>WO 89 01041 A (GENENTECH INC) 9 February 1989 (1989-02-09)</p> <p>page 5, line 20 - line 32 page 10, line 31 -page 11, line 18 page 13, line 18 - line 26 page 15, line 21 - line 33</p>	1-4, 7-10,13, 14
A	<p>VOETEN A J T M ET AL: "Introduction of the haemagglutinin transmembrane region in the influenza virus matrix protein facilitates its incorporation into ISCOM and activation of specific CD8cytotoxic T lymphocytes" VACCINE, BUTTERWORTH SCIENTIFIC. GUILDFORD, GB, vol. 19, no. 4-5, 15 October 2000 (2000-10-15), pages 514-522, XP004218123 ISSN: 0264-410X abstract</p>	
A	<p>US 6 069 230 A (HAAK-FRENDSCHO MARY ET AL) 30 May 2000 (2000-05-30) abstract column 3, line 38 - line 60 column 4, line 43 - line 57</p>	

INTERNATIONAL SEARCH REPORT

International Application No

PCT, L. 03/07477

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 8901041	A	09-02-1989	US 5109113 A	28-04-1992
			AU 629517 B2	08-10-1992
			AU 2308788 A	01-03-1989
			DE 3854328 D1	21-09-1995
			DE 3854328 T2	28-03-1996
			EP 0371999 A1	13-06-1990
			IL 87366 A	18-08-1993
			JP 2504467 T	20-12-1990
			JP 2935709 B2	16-08-1999
			US 6632634 B1	14-10-2003
			US 5374548 A	20-12-1994
			WO 8901041 A1	09-02-1989
			US 5763224 A	09-06-1998
			US 5264357 A	23-11-1993
US 6069230	A	30-05-2000	AU 707030 B2	01-07-1999
			AU 4462396 A	06-06-1996
			CA 2204914 A1	23-05-1996
			EP 0791068 A1	27-08-1997
			JP 10509038 T	08-09-1998
			WO 9615249 A1	23-05-1996
			US 5989554 A	23-11-1999